



PATENT  
Attorney Docket No. A-64559-3  
Attorney File No.: 463037-00015

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*In re* application of

O'CONNOR *et al.*

Serial No. 09/096,593

Filed: June 12, 1998

For: *Electronic Methods for the  
Detection of Analytes*

Examiner: COOK, Lisa V.

Art Unit: 1641

"EXPRESS MAIL" LABEL NO.:  
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
AND  
STATEMENT OF RELATEDNESS**

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P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. In accordance with 1287 Off. Gaz. Pat. Office 163, 10/19/2004, no copies of U.S. patents and U.S. published applications are enclosed. Copies of all other references are enclosed.

Further, in satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and as required by M.P.E.P. § 2001.06(b), Applicant notes that the present application is related to the following pending patent applications:

Serial No.: 09/096,593

Filed: June 12, 1998

1. U.S.S.N. 08/873,978, filed June 12, 1997, and U.S.S.N. 09/557,577, filed April 21, 2000;
2. U.S.S.N. 08/873,597, filed June 12, 1997;
3. U.S.S.N. 09/135,183, filed August 17, 1998;
4. U.S.S.N. 09/452,277, filed December 3, 1999;
5. U.S.S.N. 09/440,371, filed November 12, 1999, and U.S.S.N. 09/712,792, filed November 13, 2000;
6. U.S.S.N. 10/016,416, filed December 10, 2001;
7. U.S.S.N. 09/295,691, filed April 21, 1999, and U.S.S.N. 11/043,515, filed January 25, 2005;
8. U.S.S.N. 10/746,903, filed December 2, 2003;
9. U.S.S.N. 09/245,105, filed January 27, 1999;
10. U.S.S.N. 09/626,096, filed July 26, 2000; and
11. U.S.S.N. 09/760,384, filed January 11, 2001, and U.S.S.N. 09/993,342, filed November 5, 2001.

Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application. Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

As far as is known to the undersigned, this Information Disclosure Statement is being filed before the mailing of a first office action following a Request for Continued Examination under § 1.114 and therefore no fee is required. While no fee is believed to

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Serial No.: 09/096,593

Filed: June 12, 1998

be due, if this belief is in error, the Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 (File No.: 463037-00015; Docket No.: A-64559-3).

Please direct further questions in connection with this Application to the undersigned at (415) 781-1989.

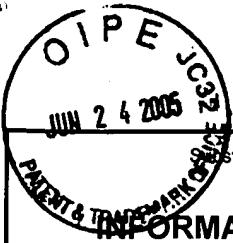
Respectfully submitted,  
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*Filed Under 37 C.F.R. § 1.34*

Attachments: Form SB/08/A-B, substitute for Form PTO-1449  
Two (2) cited references



|  |   |    |   |                          |                          |
|--|---|----|---|--------------------------|--------------------------|
| Information Disclosure Statement by Applicant<br><br>(use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                          |
| Sheet  | 1 | of | 3 | Application Number       | 09/096,593               |
|  |   |    |   | Filing Date              | June 12, 1998            |
|  |   |    |   | First Named Inventor     | O'CONNOR, Stephen D.     |
|  |   |    |   | Art Unit                 | 1641                     |
|  |   |    |   | Examiner Name            | COOK, Lisa V.            |
|  |   |    |   | Attorney Docket Number   | A-64559-3 (463037-00015) |

| <b>U.S. PATENT DOCUMENTS</b> |                       |   |                                |   |   |
|------------------------------|-----------------------|---|--------------------------------|---|---|
| Examiner Initials*           | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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|---|---|----|---|--------------------------|--------------------------|
| Substitute for form 1450A/PTO<br>(Modified) |   |    |   | <b>Complete if Known</b> |                          |
|   |   |    |   | Application Number       | 09/096,593               |
|   |   |    |   | Filing Date              | June 12, 1998            |
|   |   |    |   | First Named Inventor     | O'CONNOR, Stephen D.     |
|   |   |    |   | Art Unit                 | 1641                     |
|   |   |    |   | Examiner Name            | COOK, Lisa V.            |
| Sheet                                       | 2 | of | 3 | Attorney Docket Number   | A-64559-3 (463037-00015) |

| U.S. PATENT DOCUMENTS |                       |   |                                |   |   |
|-----------------------|-----------------------|---|--------------------------------|---|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

|       |   |    |   |                        |                          |
|-------|---|----|---|------------------------|--------------------------|
| Sheet | 3 | of | 3 | Attorney Docket Number | A-64559-3 (463037-00015) |
|-------|---|----|---|------------------------|--------------------------|

### Complete if Known

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|----------------------|----------------------|
| Application Number   | 09/096,593           |
| Filing Date          | June 12, 1998        |
| First Named Inventor | O'CONNOR, Stephen D. |
| Art Unit             | 1641                 |
| Examiner Name        | COOK, Lisa V.        |

### FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup><br>(if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited<br>Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    | B1                    | EP 0 339 821 A1   | 11-02-1989                     | United Kingdom Atomic Energy<br>Authority          |   |                |

### NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>6</sup> |
|--------------------|-----------------------|---|----------------|
|                    | C1                    | EWING, A., et al., "Electrochemical detection in microcolumn separations," <i>Anal. Chem.</i> 66(9):527A-537A (May 1994).   |                |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
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